## P. 02 ▶ NOV-15-2006 WED 11:04 AM Alcoa IP FAX NO. 17243375959 PART B - FEE(S) TRANSMITTAL Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 NOV 1 5 2006 Alexandria, Virginia 22313-1450 or Fax (571)-273-2885 INSTRUCTIONS: This forms fould be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks I through 5 should be completed where appropriate full further costs condence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated units containing a separate "FEE ADDRESS" for maintenance fee notifications. Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. CURRENT CORRESPONDENCE ADDRESS (Note: Use Block I for any change of address) 08840 7590 09/01/2006 Certificate of Mailing or Transmission INTELLECTUAL PROPERTY I hereby certify that this Fec(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below ALCOA TECHNICAL CENTER, BUILDING C 100 TECHNICAL DRIVE ALCOA CENTER, PA 15069-0001 (Depositor's name) Nancy Bayhe lim (Signature) .60 L (Date) FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. APPLICATION NO. 10/630 387 07/30/2003 Ho Yu 03-0981 8345 TITLE OF INVENTION: METHOD OF PREVENTING CRACKING IN DIRECT CHILL CAST INGOTS APPLN. TYPE SMALL ENTITY ISSUE FEE DUE PUBLICATION FEE DUE PREV. PAID ISSUE FEE TOTAL FEE(S) DUE **DATE DUE** 50 \$1700 12/01/2006 nonprovisional NO \$1400 \$300 EXAMINER ARTUNIT CLASS-SUBCILASS LIN, KUANG Y 1725 164-487000 1. Change of correspondence address or indication of "Fcc Address" (37 CFR 1.363). 2. For printing on the patent front page 1145/2086 TBESHAR CORROLLS (1) the names of up to 3 registered patent attorneys 1 Greenberg (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 21 +C=1561 1438.00 DA 2 Petergy pa Borghetti Change of correspondence address (or Change of Correspondence Address form PTO/SIJ/122) attached. 21 FC: 1561 (2) the name of a single firm (having as a metrifice a registered attorney or agent) and the names of up to 2 registered patent anomeys or agents. If no name is listed, no name will be printed. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignce is identified below, no assignce data will appear on the patent. If an assignce is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Pittsburgh, Pennsylvania Alcoa Inc. Please check the appropriate assignce category or categories (will not be printed on the patent): 🔲 Individual 🕱 Corporation or other private group entity 🚨 Government 4a. The following fee(s) are submitted: 4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) A check is enclosed. ∠ Issue Fee M Publication Fee (No small entity discount permitted) Payment by credit card. Form PTO-2038 is attached, Advance Order - # of Copies

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U.S. Serial No. 10/630,387

Filed July 30, 2003

Attorney Docket: 03-0981

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